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<120> GENETIC DEMONSTRATION OF REQUIREMENT FOR NKX6.1 AND NKX2.2 IN  
VENTRAL NEURON GENERATION

<130> 0575-62166

<140> 09/654,462

<141> 2000-09-01

<160> 4

<170> PatentIn version 3.1

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Thr Pro Leu Tyr Pro Ala Ala Tyr Pro Pro Leu Pro Ala Gly Pro Pro  
35 40 45

Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Pro Ser Pro Pro Leu  
50 55 60

Gly Thr His Asn Pro Gly Gly Leu Lys Pro Pro Ala Thr Gly Gly Leu  
65 70 75 80

Ser Ser Leu Gly Ser Pro Pro Gln Gln Leu Ser Ala Ala Thr Pro His  
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Gly Ile Asn Asn Ile Leu Ser Arg Pro Ser Met Pro Val Ala Ser Gly  
100 105 110

Ala Ala Leu Pro Ser Ala Ser Pro Ser Gly Ser Ser Ser Ser Ser Ser  
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Ser Ser Ala Ser Ala Ser Ser Ala Ser Ala Ala Ala Ala Ala Ala Ala  
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Pro Arg Phe Ser Ser Leu Ser Pro Pro Pro Pro Pro Gly Leu Tyr  
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Phe Ser Pro Ser Ala Ala Ala Val Ala Ala Val Gly Arg Tyr Pro Lys  
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Pro Leu Ala Glu Leu Pro Gly Arg Thr Pro Ile Phe Trp Pro Gly Val  
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Met Gln Ser Pro Pro Trp Arg Asp Ala Arg Leu Ala Cys Thr Pro His  
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Gln Gly Ser Ile Leu Leu Asp Lys Asp Gly Lys Arg Lys His Thr Arg  
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Pro Thr Phe Ser Gly Gln Gln Ile Phe Ala Leu Glu Lys Thr Phe Glu  
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Gln Thr Lys Tyr Leu Ala Gly Pro Glu Arg Ala Arg Leu Ala Tyr Ser  
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Leu Gly Met Thr Glu Ser Gln Val Lys Val Trp Phe Gln Asn Arg Arg  
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Thr Lys Trp Arg Lys Lys His Ala Ala Glu Met Ala Thr Ala Lys Lys  
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Lys Gln Asp Ser Glu Thr Glu Arg Leu Lys Gly Ala Ser Glu Asn Glu  
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Glu Glu Asp Asp Asp Tyr Asn Lys Pro Leu Asp Pro Asn Ser Asp Asp  
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